baracoda | Data Capture for Workforce in Motion

Traceability division

BLR2604 Long Range Laser Scanner

For Industrial applications where long range scanning distances and wireless long range transmission are key

- Superior Long Range barcode scanner
- Designed for intensive scanning applications
- Bluetooth Class 1 enables long (up to 330 ft, 100m) and secure transmission
- Instantly connected with Baracoda's Plug & Scan solution.
- Easy setup & configuration with BaracodaManager Software
- Visible & Audible Indicators for noisy environment

Thanks to its Long Range Scan engine and its gun shaped form factor, the BLR2604 allows workers to scan distant items without having to move closer to them. Therefore, it answers the needs of a wide range of applications in Transport and Logistics, in Factories, Warehouses and Manufacturing sites.

As all products of the 2604 family, the BLR2604 permits to transmit barcodes to a host and to receive an ackowledgment ensuring that the data has been correctly received at a distance of up to 330 ft (100m).

The 2604 family is compatible with Baracoda Plug&Scan offer. If you need to communicate wirelessly with your vehicle mount terminal: simply plug the USB or serial Plug&Scan dongle into your host and read the selected pairing code. No other settings are required to be immediately operative.

Scanning distance: up to 50 ft (6m)

* with reflective barcodes

About Baracoda

World's leading manufacturer of Bluetooth wireless barcode readers, Baracoda promotes the development of data capture solutions for both Mobile and In premise applications. Specifically skilled in the management of power consumption, security, and the interoperability of systems, Baracoda provides customers and partners with appropriate, reliable, extremely competitive solutions suitable for all wireless environments. For more information, visit http://www.baracoda.com.

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Bluetooth

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BLR2604 Specifications

STANDARD - REGULATORY

Fully compliant with Bluetooth® 1.1 Standard
Gap & SPP profiles
CE - FCC - Bluetooth certified

USER INTERFACE

Bi Color LED
Buzzer

BLUETOOTH RANGE

Class 1: up to 330 ft (100m)

OPERATING MODES

Real Time
Master
Batch (1000 UPC barcodes, Flash Memory 64Kbytes)

READING MODES

Autoscan
Trigger

SCAN ENGINE

Reading technology	Laser
Reading distance	Up to 21 ft (6 meters) with reflective barcodes
Scan rate	35 scans/s
Scan angle	30° (+ / - 2)

DECODING CAPABILITIES

Bar Codes Supported	UPC-A/E, EAN-8/JAN-8, EAN-13/JAN-13, EAN128, Code 32, Full ASCII code 39, code 39, code 93, Inter leaved 2 of 5, industry 2 of 5, Codabar, Code 128, Chinese Postcode, IATA and MSI/Plessey code.

POWER

2 x AAA NimH - 2100 mAh rechargeable
Battery autonomy: up to 15,000 scans

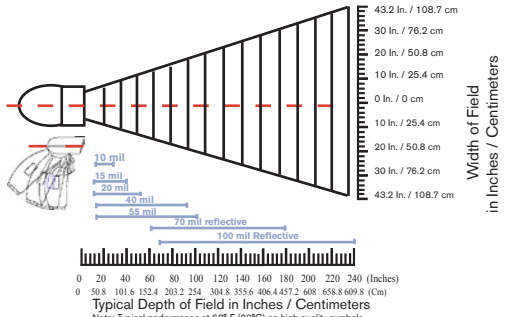
PHYSICAL

Lenght	5.63 in (143 mm)
Width	3.10 in (78.8 mm)
Height	6.08 in (154.5 mm)
Weight	6.08 oz (180 g) without batteries

ENVIRONMENT

Operating temperature	32°F (0°C) - 104°F (40°C)
Storage temperature	14°F (-10°C) - 158°F (70°C)
Operating humidity	5 - 95% (Non condensing)
Shock	Several 3.3ft (1m) drops to concrete
Ambient light	Full darkness to sunlight

SCAN ENGINE TYPICAL PERFORMANCE



Typical Depth of Field in Inches / Centimeters
Note: Typical performance at 68° F (20°C) on high quality symbols

General features

One click connectivity and Auto-Reconnection:

Just switch on your scanner or just come back within the Bluetooth range of your host device to get connected! The connection process, thanks to the BaracodaManager or thanks to the Plug&Scan dongles , is automatic and completely transparent to the user.

One product, two modes:

The scanner can be used in the Real Time Mode or Batch Mode:
• Real time mode will send barcodes while scanning.
• Batch mode will store barcodes on the scanner and the user will upload them when needed.

Intuitive user interface:

• Only one button to switch on, connect and scan barcodes
• Multi color led for connection and battery status
• Sound beeps for successful scanning.

Platforms compatibility:

Baracoda provides users with user-friendly software (BaracodaManager) and provides developers with state of the art APIs to ease the integration on the following mobile platforms:
• PC
• PPC 2002/2003; CE.NET; Palm OS
• Symbian and Java Mobile Phones + RIM (Blackberry)
• Most Bluetooth devices (printers, access points, ...)

Plug and Scan Solution

Real Plug & Scan solution with Baracoda Serial Dongle (compatible with all devices equipped with a RS232 port) and Baracoda USB Plug&Scan Dongle. Just plug it into your host, read the related pairing barcode and use it. The easiest way to use a Bluetooth scanner

Package content

1 BLR 2604
2 rechargeable batteries
1 Charger
1 CD with all the documentation and software needed.

Available accessory

Protective boot and key retractable reel:

The protective boot for the 2604 Serie is made of ruggedised high density foam. It is made by two separate units -one covering the hood and the second covering the base of the handle of the scanner- linked together by an elastic rope. While the protective boot does add some bulk to the scanner, its shock protection value compensates for this size increase. The protective boot also offers a small ring that can be attached to a key retractable reel. It is ideal for mobile workers who need a rugged product.

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